



## BOARD NAME CAKEWALK DIGITAL DAUGHTER

## PART        PART        DESCRIPTION AND

\*\* QTY. NAME    VALUE    NUMBER    DEVICE DESIGNATIONS \*\*\*\*\*

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10 .1S    .1    70300035 .1MF Z5U 50V 20% SMT 1206

C102, C103, C104, C105, C106, C108,  
C111, C112, C113, C115

1 100PFS 100PF 70300044 100PF COG 50V 5% SMT 1206

C107

3 10KS 10K 70200028 10K--1/8W--5%---SMT

R101, R102, R103

1 12MHZ 12MHZ 70800005 12 MHZ CRYSTAL

Y101

2 16DRHDR 16DRHDR 73717109 CONN 16-PIN 0.100 H

HDR101, HDR102

1 1KS 1K 70200019 1k---1/8w--5%---smt

R104

1 1N4148S 4148 70418026 1N4148 (LL34) DIODE SMT

CR101

1 2.2R50 2.2R50 70320180 2.2MF----20%----50VDC---EL--T&amp;A

C101

4 250SOWH 70901851 70901851 SPACER, 1/4,R(HW),.187 SWAGE AL

SO101, SO102, SO103, SO104

1 27C512 27C512 70402770 64KX8 CMOS EPROM (250NS)

U105

2 39PFS 39PF 70300012 39PF COG 50V 5% SMT 1206

C109, C110

1 470R6.3 470R6.3 70320183 470MF----20%----6.3VDC--EL--T&amp;A

C114

1 58258-20 58258-20 70418068 32K X8 STATIC RAM IC-SMT

U106

2 74HC138H 74HCT138 70418021 74HC138 (SO16) SMT

U103, U108

1 74HC245H 74HC245 70418023 74HC245 (SOL-20) SMT

U107

1 74HC573H 74HC573 70418041 74HC573 (SOL20) SMT

U104

1 80C32-36 80C32-36 70400030 80C32 36MHZ MICROPROC.

U101

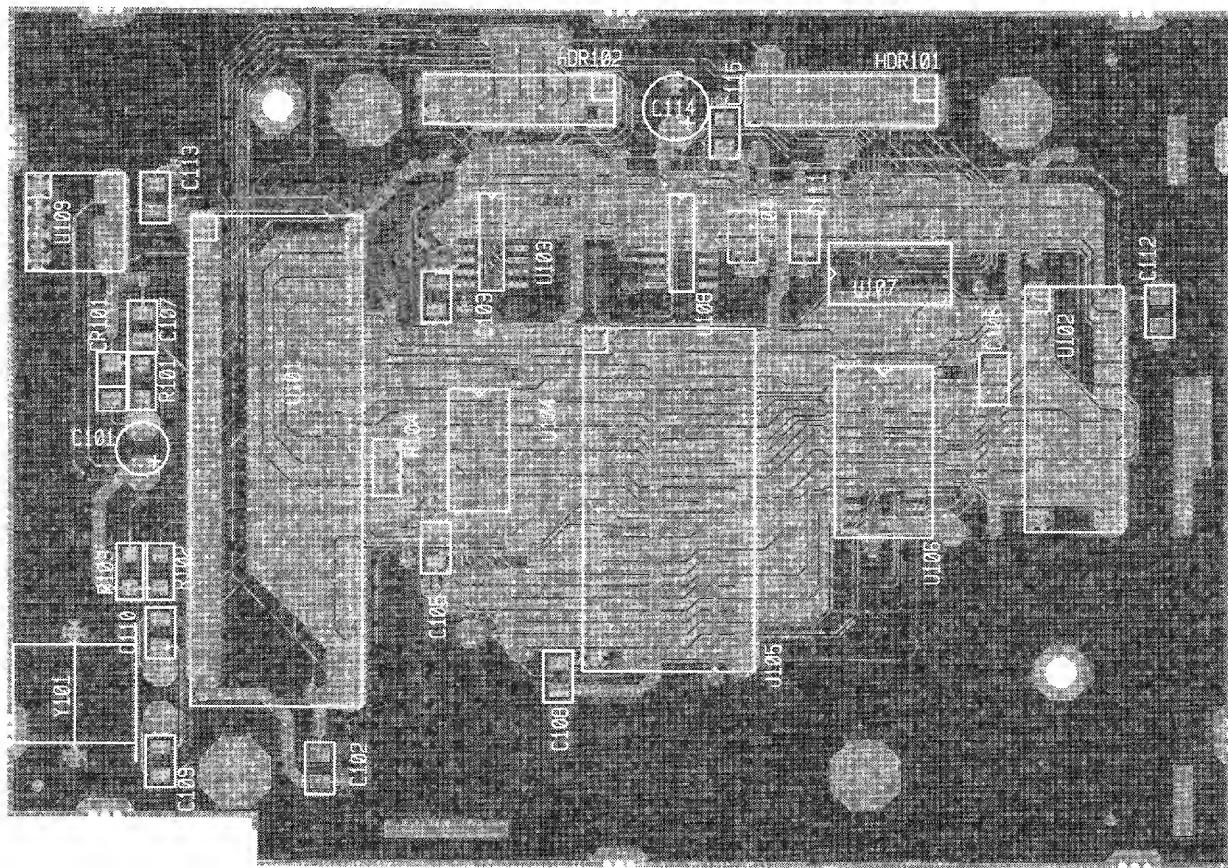
1 GAL0171 70400171 70400171 GAL 16 V8 CAKEWALK I/O CNTLR

U102

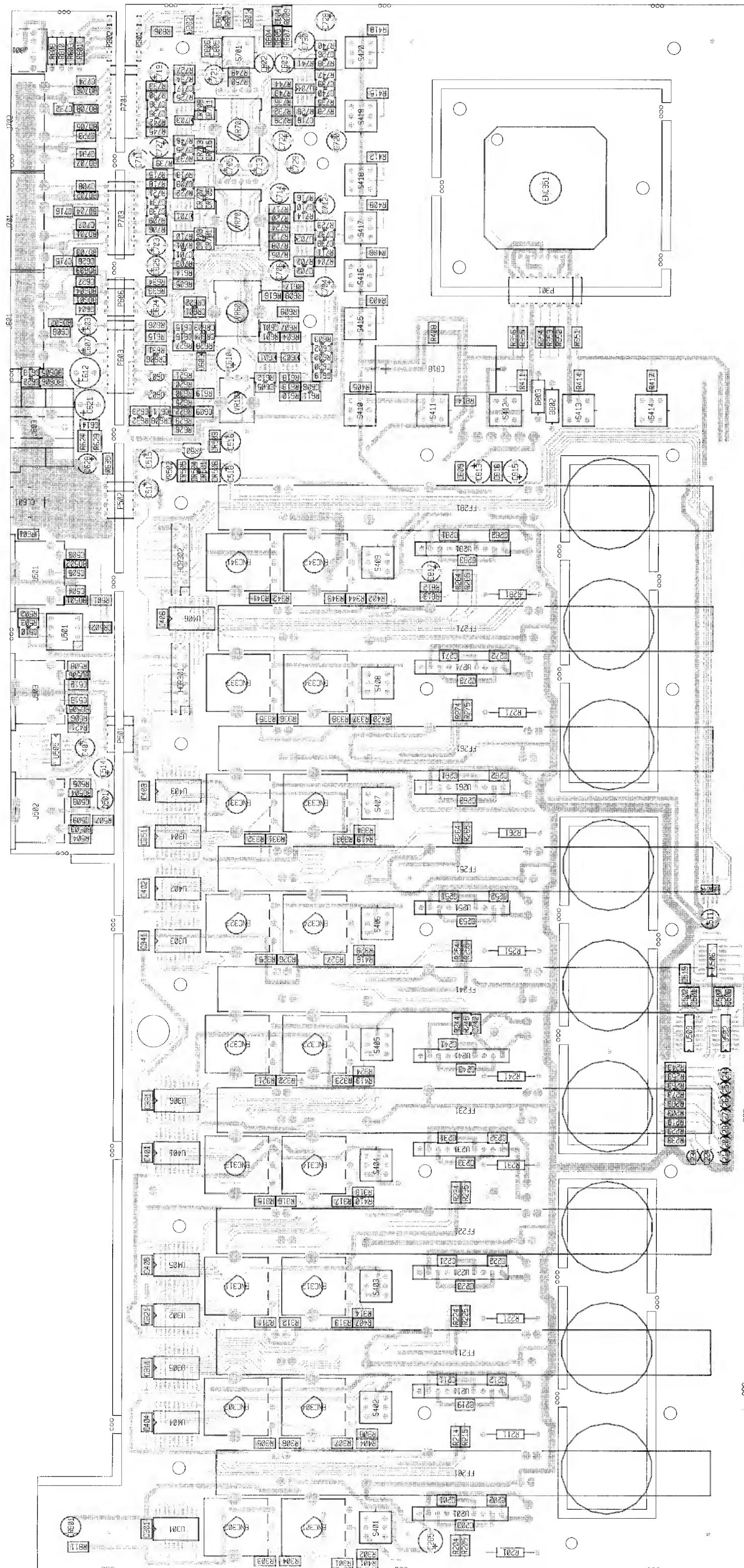
1 PCF8582 PCF8582 70402772 PCF8582AP 256X8 CMOS RAM

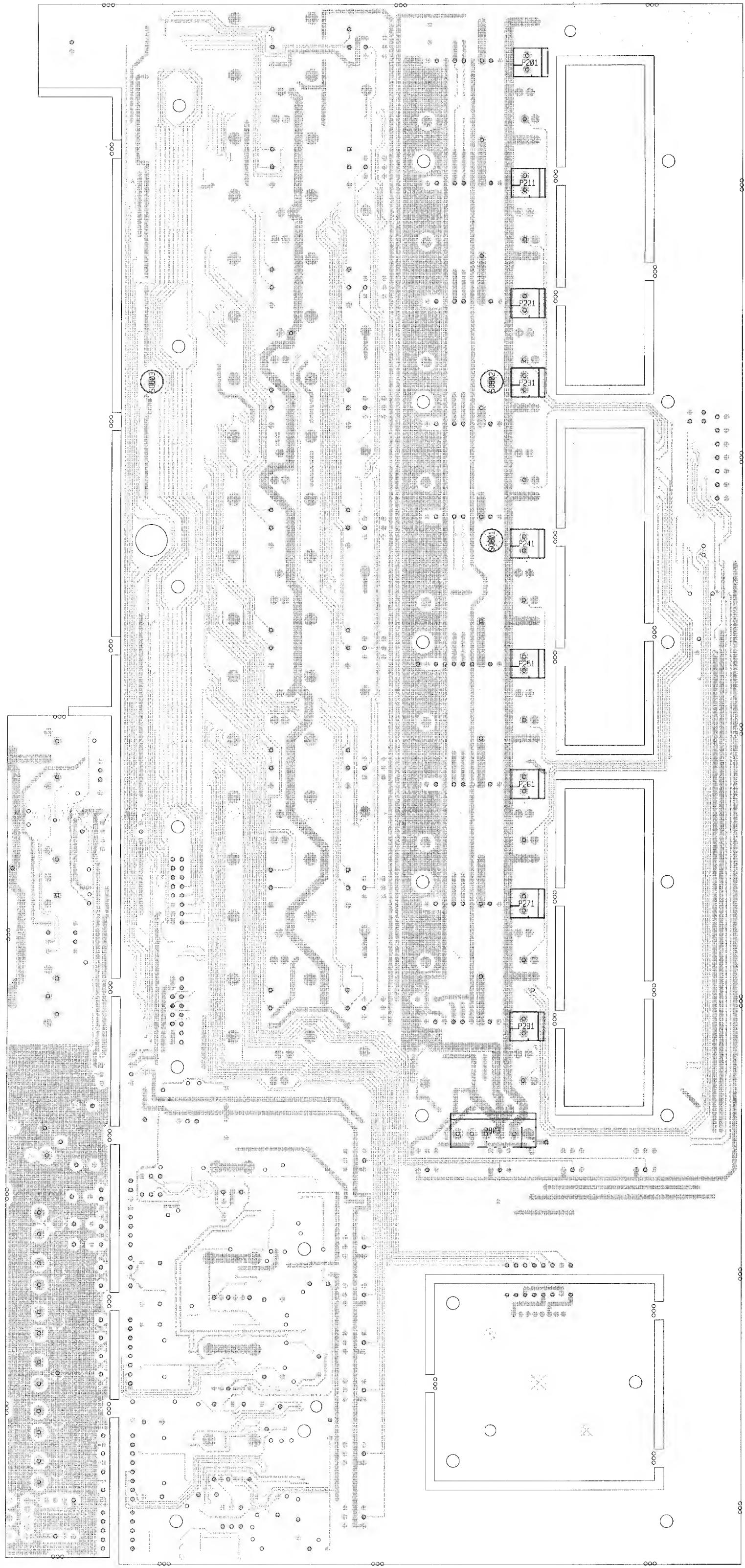
U109

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# CAKEWALK DAUGHTER DIGITAL





BOARD NAME: CAKEWALK MAIN			
PART	DESCRIPTION AND	NUMBER	DEVICE DESIGNATIONS
*** QTY. NAME VALUE NUMBER *****			
21 .001S .001	70300036 .001MF X7R 50V 10% SMT 1206		
C503, C504, C505, C508, C509, C512, C513, C604, C608, C613, C622, C626, C627, C707, C708, C715, C716, C723, C724, C731, C732			
61 .1S .1	70300035 .1MF Z5U 50V 20% SMT 1206		
C201, C202, C203, C211, C212, C213, C221, C222, C223, C231, C232, C233, C241, C242, C243, C251, C252, C253, C261, C262, C263, C271, C272, C273, C281, C282, C283, C301, C311, C321, C331, C341, C351, C401, C402, C403, C404, C405, C406, C501, C502, C506, C507, C510, C519, C615, C616, C619, C620, C733, C734, C735, C736, C737, C738, C739, C740, C805, C806, C809, C816			
2 1.1KP1S 1.1K	70200069 1.1K-1/8W-1%-SMT 1206		
R631, R632			
1 1.5KS 1.5K	70200020 1.5K-1/8W-5%-smt		
R811			
1 1000A35 1000A35 70320038 1000 MFD 35VDC LYTIC CAP			
C818			
10 100KS 100K	70200034 100K---1/8W-5%---SM		
R633, R634, R706, R708, R718, R720, R730, R732, R742, R744			
6 100PFS 100PFS	70300044 100PFS COG 50V 5% SMT 1206		
C602, C606, C701, C709, C717, C725			
17 100S 100	70200013 100---1/8W-5%---smt		
R607, R608, R609, R616, R617, R618, R709, R710, R711, R721, R722, R723, R733, R734, R745, R746, R747			
9 10FP 10FP	70240095 10FP-1/4W-5%---FP-T&R		
R201, R211, R221, R231, R241, R251, R261, R271, R281			
4 10KP1S 10kp1	70200051 10kp---1/8W-1%----SMT		
R620, R627, R628, R629			
19 10KS 10K	70200028 10K-1/8W-5%---SMT		
R421, R503, R507, R602, R603, R604, R610, R611, R613, R701, R703, R713, R715, R725, R727, R737, R739, R804, R807			
1 10R50L 10R50L	70320185 10MF---20%---50VYDC---LL-T&A		
C628			
4 10S 10	70200011 10---1/8W-5%---smt		
R805, R812, R813, R814			
5 120S 120	70200048 120---1/8W-5%---SMT 1206		
R712, R724, R735, R736, R748			
4 150 150	70240001 150---1/4W-5%---CF-T&R		
R801, R803, R808, R810			
2 16DRHDR 16DRHDR 73717109 CONN 16-PIN 0.100 H			
HDR301, HDR302			
8 1KS 1K	70200019 1k---1/8W-5%---smt		
R605, R614, R622, R635, R705, R717,			

20 IN4148S 4148	70418026 IN4148 (LL34) DIODE SMT	R729, R741
CR501, CR502, CR503, CR504, CR505, CR506, CR601, CR602, CR603, CR604, CR606, CR608, CR701, CR703, CR705, CR707, CR709, CR711, CR713, CR715	R401, R402, R403, R404, R405, R406, R407, R408, R409, R410, R411, R412, R413, R414, R415, R416, R417, R418, R419, R420, R501, R612, R702, R714, R726, R738, R749, R750	R401, R402, R403, R404, R405, R406, R407, R408, R409, R410, R411, R412, R413, R414, R415, R416, R417, R418, R419, R420, R501, R612, R702, R714, R726, R738, R749, R750
1 1R50 1R50	70320261 1MF 20% 50 VDC EL T&A	2 47PFS 47PFS
C511	C609, C623	70300050 47PF COG 50V 5% SMT
1 .47S .47	70200012 47---1/8W-5%---smt	1 .47S .47
R525	R525	R525
1 2.2KS 2.2K	70200021 2.2K---1/8W-5%---smt	2 47V50 47V50
R502	C612, C621	70320182 47MF---20%---50VDC---LL-T&A
1 2.2R50 2.2R50	70320180 2.2MF---20%---50VDC---EL-T&A	3 4PRCJ 4PRCJ
C514	C514	70600024 4 CON.RIBBON CABLE .100 CTR 2.25" JUMPER
9 2.2T25 2.2T25	70340087 2.2 MF,10%25VDC,TANTALUM T&A	2 5PRC3J 5PRC3J
C204, C214, C224, C234, C244, C254, C264, C274, C284	C204, C214, C224, C234, C244, C254, C264, C274, C284	5C PRE-TIN .100 3" JMPR
6 6.8KS 6.8K	70200026 6.8K---1/8W-5%---SMT	6 6.8KS 6.8K
R606, R615, R704, R716, R728, R740	R606, R615, R704, R716, R728, R740	R606, R615, R704, R716, R728, R740
1 6530 6531	MPS-6531 TO92 NPN TRANS.	1 6530 6531
Q501	Q501	70466531 MPS-6531 TO92 NPN TRANS.
14 220S 220	70200016 220---1/8W-5%---smt	2 68KS 68K
R203, R213, R223, R233, R243, R253, R263, R273, R283, R501, R504, R505, R506, R508	R203, R213, R223, R233, R243, R253, R263, R273, R283, R501, R504, R505, R506, R508	68K---1/8W-5%---SMT
28 22R50 22R50	70320181 22MF---20%---50VDC---EL-T&A	2 68KS 68K
C407, C515, C516, C517, C518, C603, C607, C624, C625, C626, C627, C703, C704, C705, C706, C711, C712, C713, C714, C719, C720, C721, C722, C727, C728, C729, C730, C802, C803, C817	C407, C515, C516, C517, C518, C603, C607, C624, C625, C626, C627, C703, C704, C705, C706, C711, C712, C713, C714, C719, C720, C721, C722, C727, C728, C729, C730, C802, C803, C817	68---1/8W-5%---SMT
3 250SOWD 70900785 70900785 SPACER, 1/4R(#4), 187 SWAGE ALUM.	3 250SOWD 70900785 70900785 SPACER, 1/4R(#4), 187 SWAGE ALUM.	1 6N138 6N138
SO801, SO802, SO803	SO801, SO802, SO803	6N138 OPTOCOUPLER
1 330PFSN 330PFSN 70300056 330PF NPO 100V 5% SMT 1206	1 330PFSN 330PFSN 70300056 330PF NPO 100V 5% SMT 1206	U506
C611	C611	1 74HC04H 74HC14 74HC14 HEX. SCHMITT SOIC14
8 39PFS 39PFS	70300012 39PF COG 50V 5% SMT 1206	1 74HC14H 74HC14 74HC04H 74HC04 (SO14) SMT
C601, C605, C702, C710, C718, C726, C801, C804	C601, C605, C702, C710, C718, C726, C801, C804	U505
4 4.99KP1S 4.99kp1 70200049 4.99k---1/8W-1%---SMT	4 4.99KP1S 4.99kp1 70200049 4.99k---1/8W-1%---SMT	9 74HC573H 74HC573 74HC573 (SOL-20) SMT
R619, R623, R624, R630	R619, R623, R624, R630	U301, U302, U303, U304, U305, U306, U401, U402, U403
2 4051WPPL 4051 70418045 4051 (SO16) SMT	2 4051WPPL 4051 70418045 4051 (SO16) SMT	3 74HC574H 74HC574 74HC574 (SOL-20) SMT
U502, U503	U502, U503	U404, U405, U406
9 4560H 4560	70418053 4560 DL OP AMP SOIC-8	2 786 786
U601, U602, U603, U701, U702, U703, U7C1, U801, U802	U601, U602, U603, U701, U702, U703, U7C1, U801, U802	2SD-786S NPN TRANS T&A
1 78L05 78L05	70467805 LM78L05, 5V, POS, 100MA TO92 T&A	1 78L05 78L05
C628	C628	VR501
4 10S 10	70200011 10---1/8W-5%---smt	1 79L05 79L05
R805, R812, R813, R814	R805, R812, R813, R814	70467905 MC79L05 -5V VR T&A
5 120S 120	70200048 120---1/8W-5%---SMT 1206	VR502
R712, R724, R735, R736, R748	R712, R724, R735, R736, R748	4 8PRCJ 8PRCJ
4 150 150	70240001 150---1/4W-5%---CF-T&R	70600028 8C PRE-TIN .100 CTR 2.5" JUMPER
R801, R803, R808, R810	R801, R803, R808, R810	P301, P603, P701, P703
2 16DRHDR 16DRHDR 73717109 CONN 16-PIN 0.100 H	2 16DRHDR 16DRHDR 73717109 CONN 16-PIN 0.100 H	1 AD7896H AD7896 70418162 12-BIT SERIAL SAMPLING A/D
HDR301, HDR302	HDR301, HDR302	U504
8 1KS 1K	70200019 1k---1/8W-5%---smt	9 BA6209N BA6209N 70406210 BA6209N, REV MOTOR DRIVER
R605, R614, R622, R635, R705, R717,	R605, R614, R622, R635, R705, R717,	U201, U211, U221, U231, U241, U251, U261, U271, U281
20 BEAD4101 FB	20 BEAD4101 FB	20 BEAD4101 FB
BLM41A01-PF FERRITE CHIP	BLM41A01-PF FERRITE CHIP	20 BEAD4101 FB

BD501, BD502, BD503, BD504, BD505,  
BD506, BD601, BD602, BD603, BD604,  
BD605, BD606, BD701, BD702, BD703,  
BD704, BD705, BD706, BD707, BD708

1 CLIP1785 70901785 70901785 screw term, 6-32 - pcb mnt.

CL601

3 DIN5PC 71466140 71466140 CONN 5P/180 DEG. R/A PCMNT DIN

J501, J502, J503

18 ENC2391 71322391 71322391 2BIT ENCODER - W/DETENTS

ENC301, ENC302, ENC303, ENC304, ENC311,  
ENC312, ENC313, ENC314, ENC321, ENC322,  
ENC323, ENC324, ENC331, ENC332, ENC333,  
ENC334, ENC341, ENC342

2 FEBEAD FEBEAD 70502122 FERRITE BEAD INDUCTOR

B802, B803

1 FRXLR382 71466382 71466382 CONNECTOR,FEMALE,XLR A-SER

J603

1 JOG2390 71322390 71322390 SWITCH JOG/SHUTTLE

ENC351

1 LEDR6 LEDR6 70450050 LED, T-1, RED, W/.500" SPCR - T&A

CR801

1 POT0260 71190260 71190260 10K(5C)-STD-9MM POT

VR100

3 POT0716 POT0716 71190716 50KBX2 DUAL 12MM ROT POT W/DTT

VR601, VR701, VR702

1 RASN6273 71466273 71466273 JACK, M/STR 1/8" PHONE - W/BSHG

J801

3 RCA6383 RCA6383 71466383 JACK BOARD QUAD RCA

J601, J701, J702

9 SPOT0164 71190164 71190164 10KB 60MM MTRZD STR FADER

FF201, FF211, FF221, FF231, FF241,  
FF251, FF261, FF271, FF281

9 SPX2 SPX2 XXXXXXXX 2 EACH OF STAKE PINS

P201, P211, P221, P231, P241, P251,  
P261, P271, P281

1 SPX6 SPX6 XXXXXXXX 6 EACH OF STAKE PINS

P803

1 SW2356 71322356 71322356 DPDT PUSH BUTTON SW 2.8MM SQ SHAFT

S701

20 SW2361 71322361 71322361 DPDT MOM PUSH BUTTON SW 2.8MM SQ SHAFT

S401, S402, S403, S404, S405, S406,  
S407, S408, S409, S410, S411, S412,  
S413, S414, S415, S416, S417, S418,  
S419, S420

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